Contents

Supporting Caregivers in Nursing Homes for Alzheimer’s Disease Patients: A Technological Approach to Overnight Supervision. ........................................ 1
Laura Montanini, Laura Raffaeli, Adelmo De Santis, Antonio Del Campo, Carlos Chiatti, Luca Paciello, Ennio Gambi, and Susanna Spinsante

Monitoring Activities of Daily Living Using Audio Analysis and a RaspberryPI: A Use Case on Bathroom Activity Monitoring. ................................. 20
Georgios Siantikos, Theodoros Giannakopoulos, and Stasinos Konstantopoulos

Assessing Ehealth Readiness Within the Libyan National Health Service by Carrying Out Research Case Studies of Hospitals and Clinics in Both Urban and Rural Areas of Libya .................................................. 33
Mansour Ahwidy and Lyn Pemberton

Improving Human Motion Identification Using Motion Dependent Classification ........................................................................................................... 49
Evangelia Pippa, Iosif Mporas, and Vasileios Megalooikonomou

An Improved Scheme for Protecting Medical Data in Public Clouds ........ 66
Nikos Fotiou and George Xylomenos

A Technological Framework for EHR Interoperability: Experiences from Italy ................................................................................................................. 80
Mario Ciampi, Mario Sicuranza, Angelo Esposito, Roberto Guarasci, and Giuseppe De Pietro

Human Daily Activity and Fall Recognition Using a Smartphone’s Acceleration Sensor ........................................................................................................ 100
Charikleia Chatzaki, Matthew Pediaditis, George Vavoulas, and Manolis Tsiknakis

A Self-learning Application Framework for Behavioral Change Support. .... 119
Ulrich Reimer, Edith Maier, and Tom Ulmer

Author Index .................................................................................................................. 141
Information and Communication Technologies for Ageing Well and e-Health
Second International Conference, ICT4AWE 2016, Rome, Italy, April 21-22, 2016, Revised Selected Papers
Röcker, C.; O'Donoghue, J.; Ziefle, M.; Helfert, M.; Molloy, W. (Eds.)
2017, IX, 141 p. 39 illus., Softcover
ISBN: 978-3-319-62703-8